**Lesson Plan Title: Learning to Add**

**Concept/Topic to Teach: Addition**

**Standards Addressed**: 6. Solve problems using the associative property of addition

7. Use digital tools to access and retrieve information

8. Recognize the associative property of addition

**Specific Objectives**: Students will be able to identify the associative property of addition. Student will be able to create and solve addition problems.

**Required Materials**: Math journal (one for each student), dry erase board, markers for teacher, connecting cubes, computer, internet access, projector and screen.

**Anticipatory Set (Lead-In)**: Teacher will ask student questions about what is adding? Teacher will use objects to show how one can add.

**Step-by-Step Procedures for Teaching the Lesson**: 1. Begin by writing the following problem on the board 5+3=8 and 3+5=8.

2. Remind students that changing the order of numbers will not change the sum.

3. Explain that grouping numbers helps to get sum faster.

4. Writing the following addition problem on the board 5+3+4=3+4+5; and have students to use cubes to get the sum.

5. Show students a power point on associative property of addition. Encourage them to ask questions as we go along.

6. Inform students that hey will use cubes to solve.

7. Divide the class in three groups.

8. Give students three copies of attached grid paper. They should color the correct number of spaces to represent each number.

9. Ask students to create problems using the number provided on the power point.

10. Collect papers and use as form of assessment.

**Guided Practice/Monitoring**: Teacher will check for understanding by inquiring if they are any questions about material gone over thus far.

**Closure (Reflect Anticipatory Set**): Teacher will review assignment and ask what other areas could this be used.

**Assessment Based on Objectives**: Students will be able to identify the associative property of addition and create and solve problems with 75% accuracy.

**Adaptations (For students with special needs)**: Teacher will pair students who has mastered lesson with a student who has difficulty with lesson.

**Extensions (For advanced students)**: Teacher will challenge students who have mastered to use double digits with same property.

**Possible Connections to Other Subject**: Teacher will discuss other subject areas where addition can be used.